F0220F "26826001

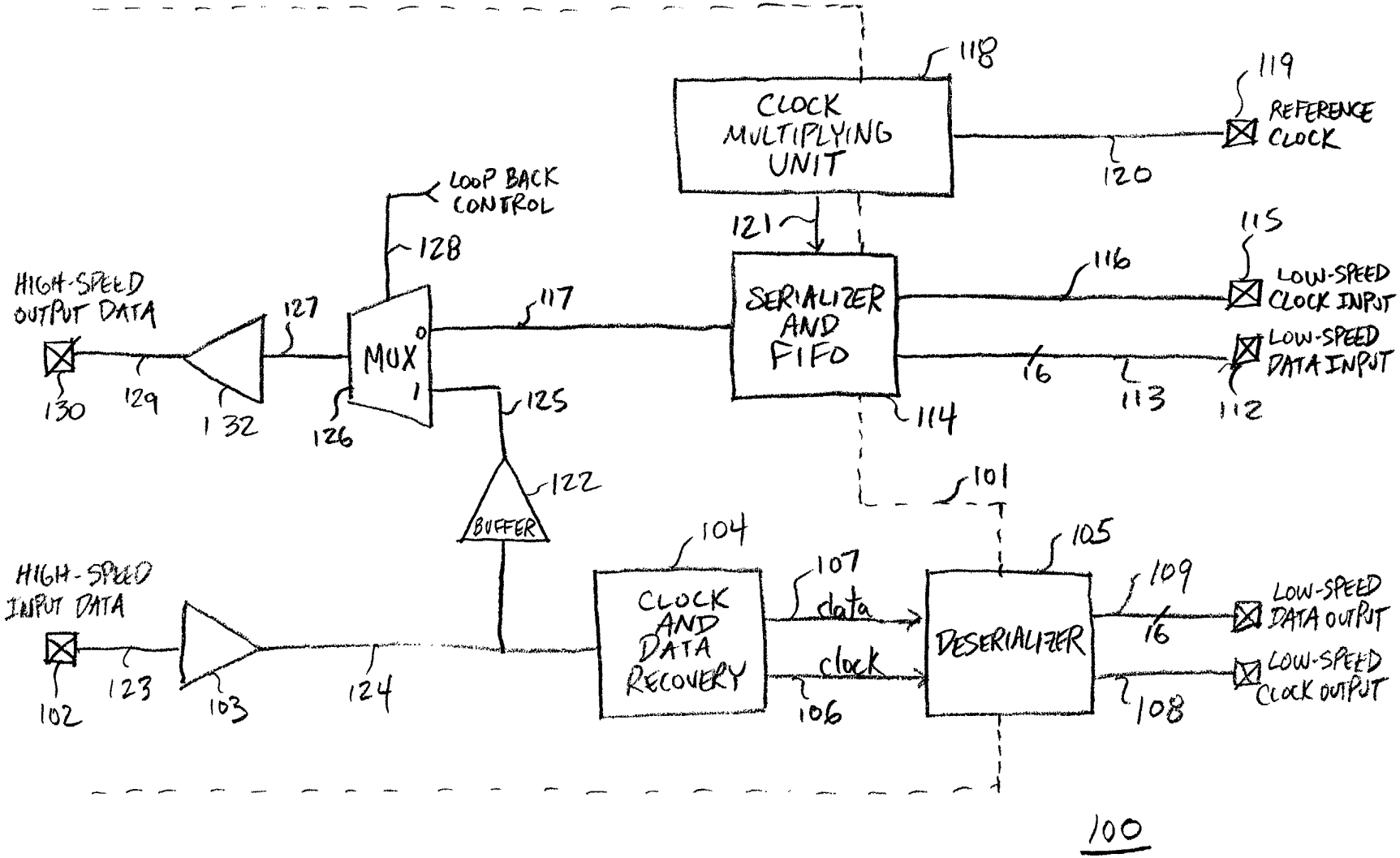


FIGURE 1

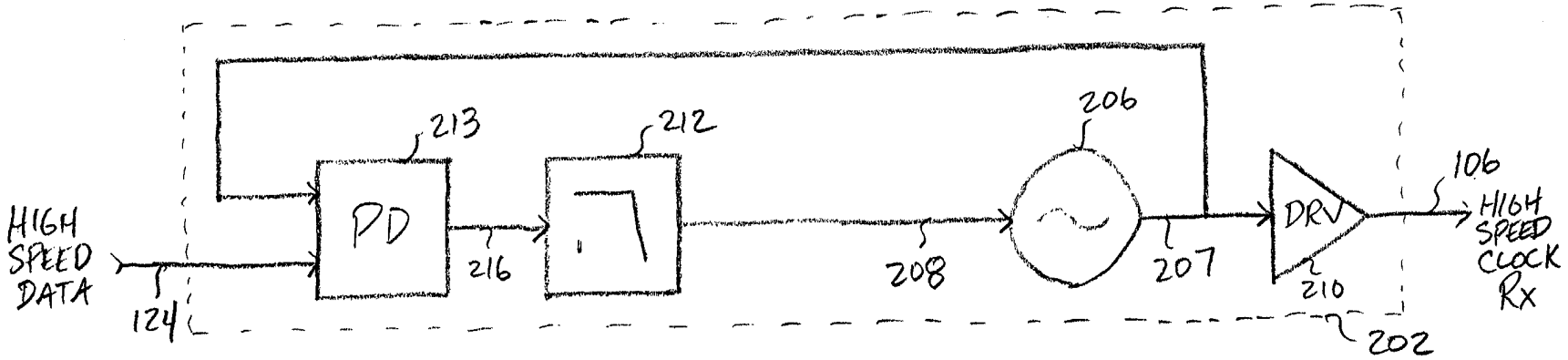
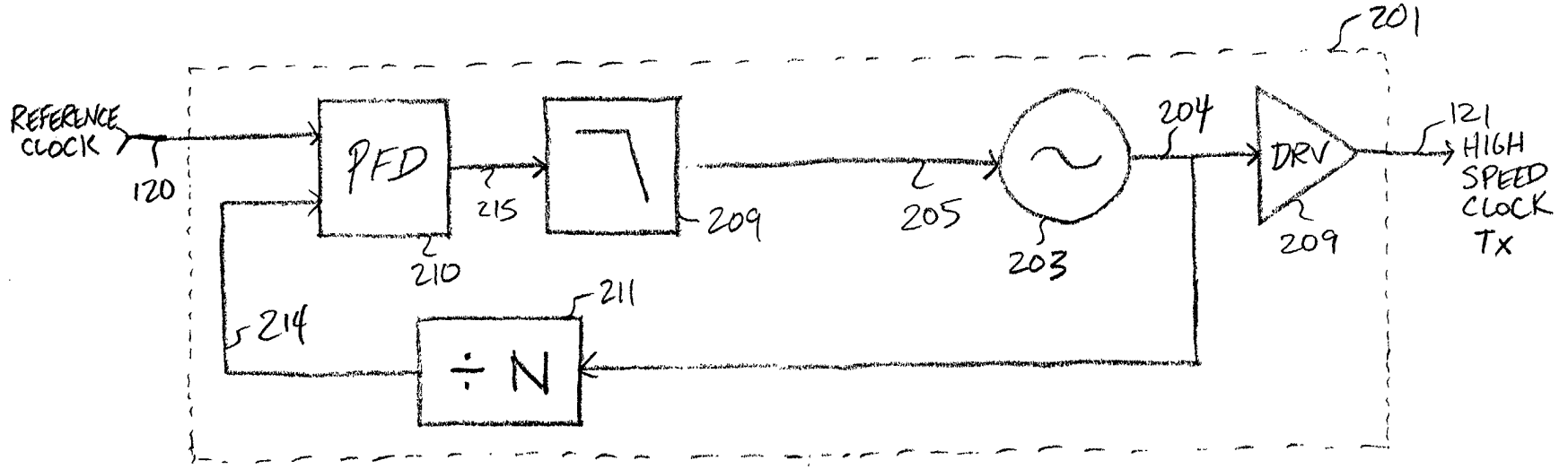

HIGH SPEED DATA
124
PD
213
216
212
208
206
207
DRV
210
106
HIGH SPEED CLOCK Rx
202

FIGURE 2

200


201
REFERENCE CLOCK
120
PFD
215
210
209
205
203
204
DRV
209
121
HIGH SPEED CLOCK Tx
214
211
÷ N

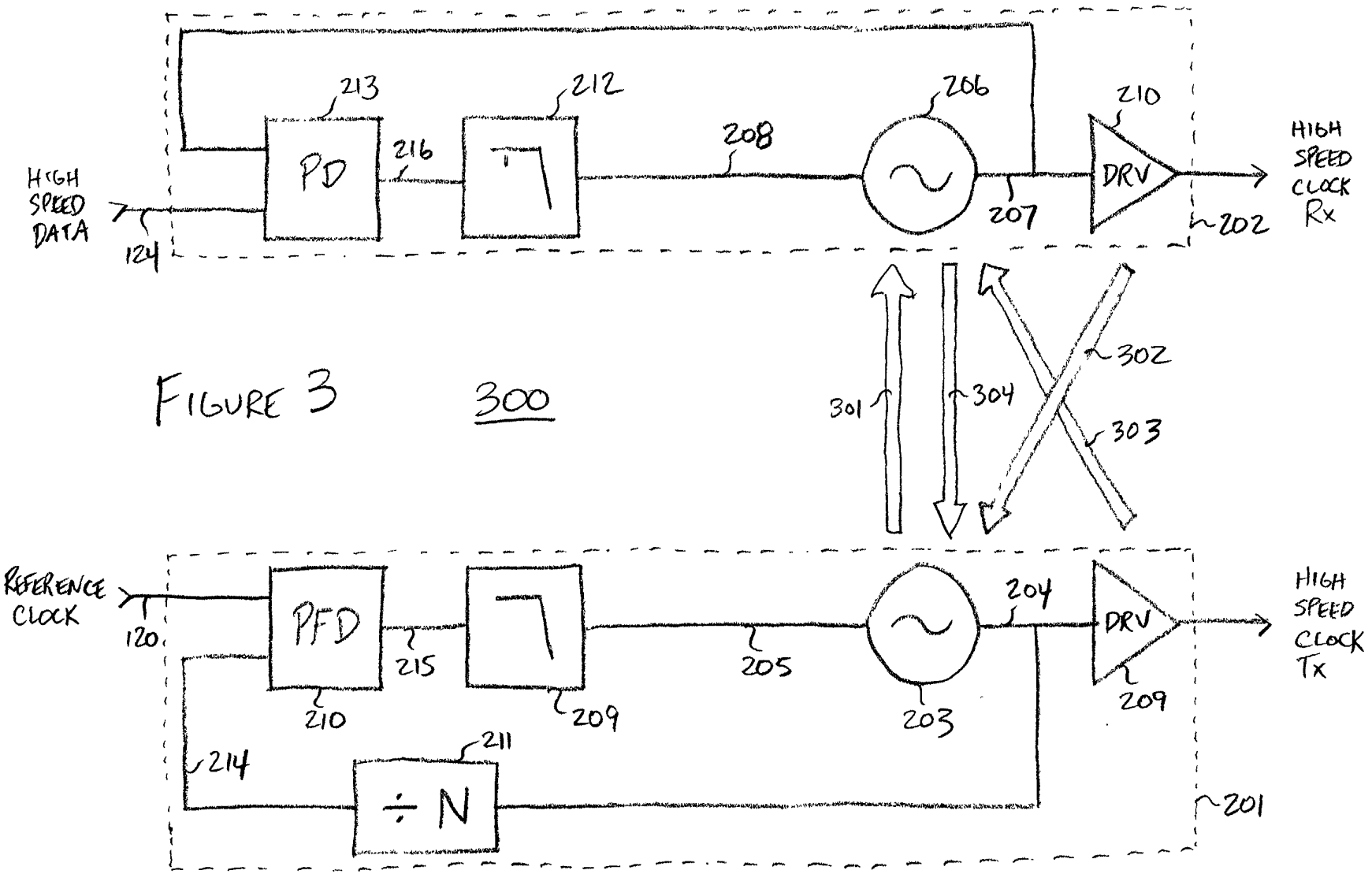

HIGH SPEED DATA
124
213
PD
216
212
208
206
210
DRV
207
202
HIGH SPEED CLOCK Rx
301
304
302
303
REFERENCE CLOCK
120
PFD
215
210
209
205
203
204
DRV
209
HIGH SPEED CLOCK Tx
214
211
÷ N
201

FIGURE 3 300

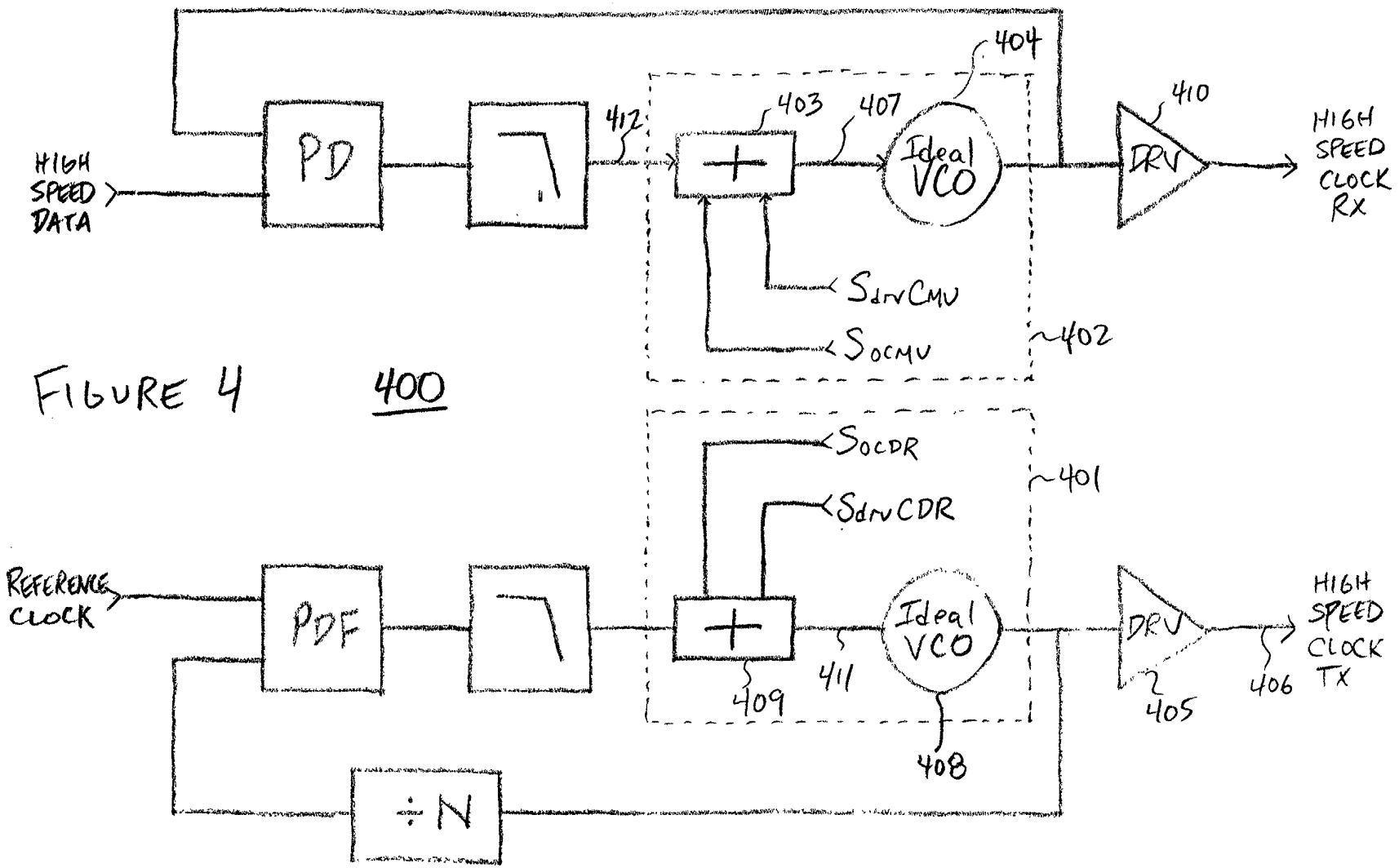

HIGH SPEED DATA
PD
412
403
404
407
Ideal VCO
410
DRV
HIGH SPEED CLOCK RX
SDRVCMV
SOCMV
402
401
SOCDR
SDRVCDR
REFERENCE CLOCK
PDF
409
411
Ideal VCO
DRV
405
406
HIGH SPEED CLOCK TX
408
÷N

FIGURE 4 400

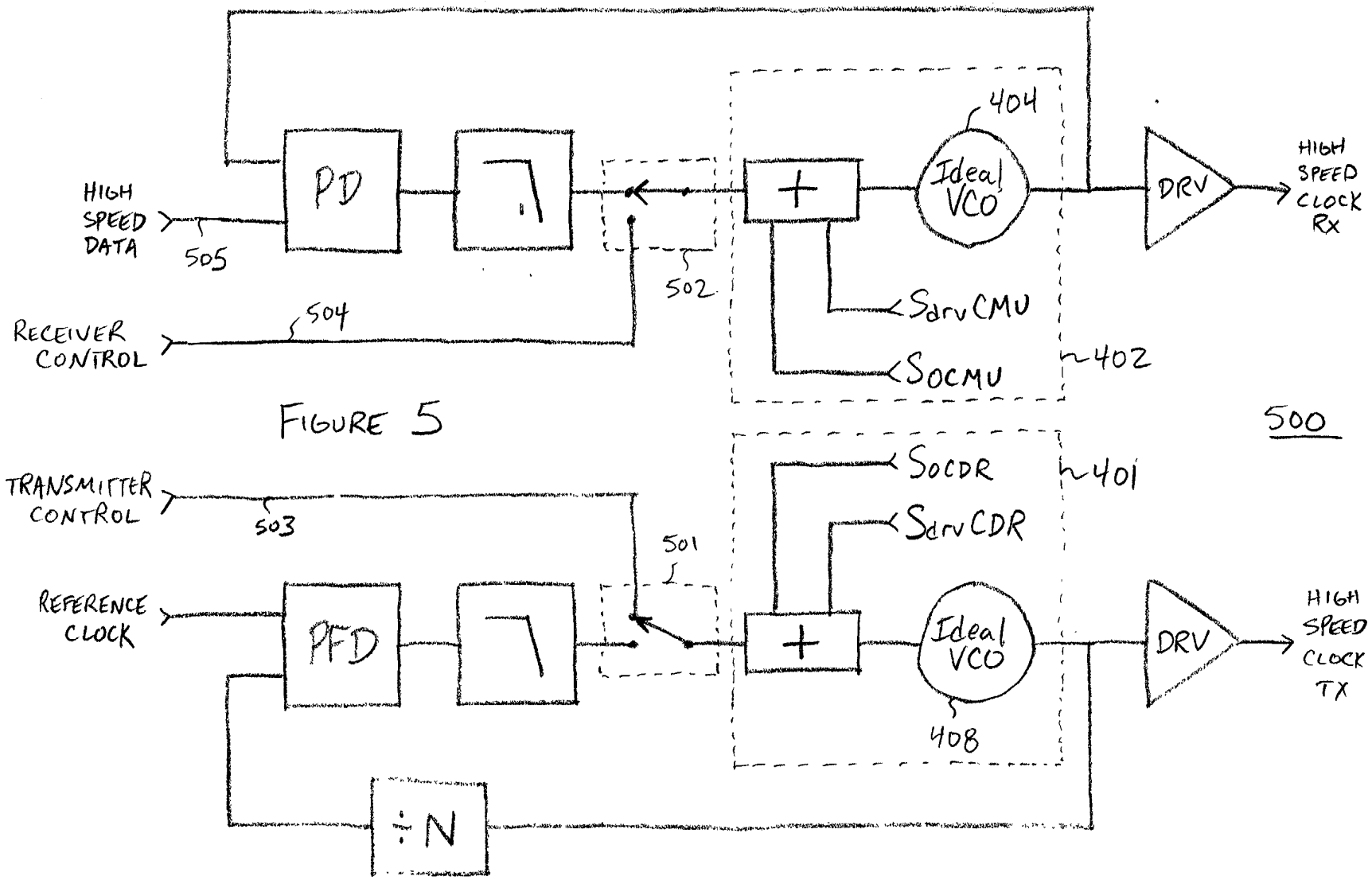

HIGH SPEED DATA
505
PD
502
404
Ideal VCO
DRV
HIGH SPEED CLOCK Rx
RECEIVER CONTROL
504
SdrvCMU
SocMU
402
500
TRANSMITTER CONTROL
503
501
SocDR
SdrvCDR
401
REFERENCE CLOCK
PFD
408
÷N

FIGURE 5

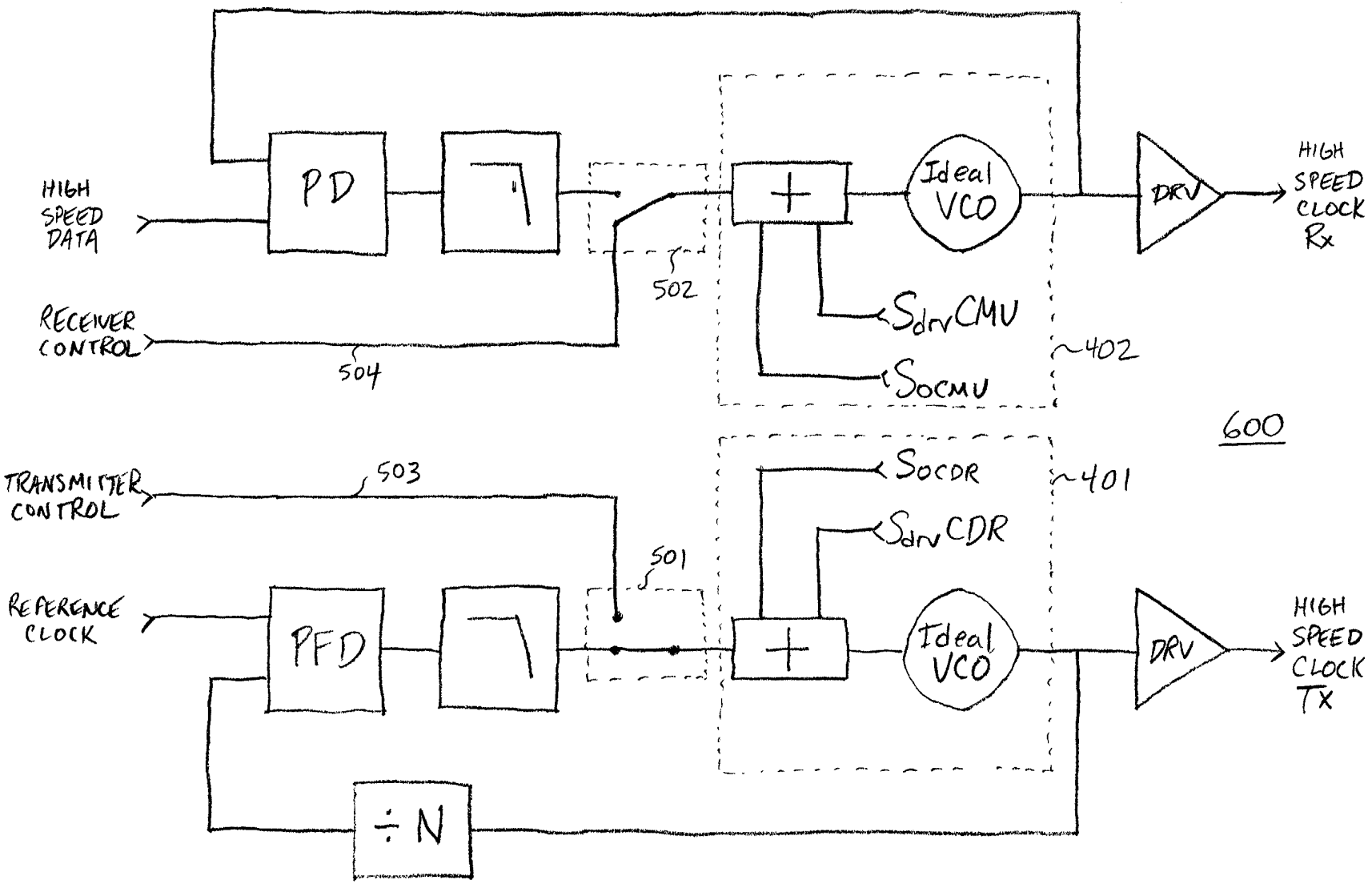

HIGH SPEED DATA
PD
502
Ideal VCO
DRV
HIGH SPEED CLOCK Rx
RECEIVER CONTROL
504
SdrvCMU
SocMU
402
600
TRANSMITTER CONTROL
503
SocDR
401
SdrvCDR
501
REFERENCE CLOCK
PFD
Ideal VCO
DRV
HIGH SPEED CLOCK Tx
÷N

FIGURE 6